

# 9th Class 2016

Chemistry	Group-II	Paper-I
Time: 15 Minutes	(Objective Type)	Max. Marks: 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- The number of naturally occurring elements is:  
(a) 92 ✓ (b) 98  
(c) 108 (d) 114
- 2- Which one of the following is empirical formula of benzene:  
(a)  $C_6H_6O_2$  (b)  $C_3H_3O$   
(c)  $C_6H_6$  (d) CH ✓
- 3- Uranium has number of isotopes:  
(a) 1 (b) 3 ✓  
(c) 4 (d) 5
- 4- Modern periodic law is presented by:  
(a) Dobereiner (b) Newland  
(c) Mendeleev (d) H. Moseley ✓
- 5- Group seventeen of periodic table belongs to:  
(a) Halogens ✓ (b) Noble gas  
(c) Alkali metals (d) Alkaline earth metal
- 6- How many electrons are involved in triple covalent bond:  
(a) Six ✓ (b) Three  
(c) Four (d) Eight
- 7- Which one is polar molecule:  
(a)  $O_2$  (b)  $Cl_2$   
(c) HCl ✓ (d)  $H_2$
- 8- Which one of following is not amorphous solid:  
(a) Sodium chloride ✓ (b) Plastic  
(c) Rubber (d) Glass

- 9- Air is an example of solution:  
(a) Solid in solid (b) Solid in liquid  
(c) Gas in gas ✓ (d) Liquid in gas
- 10- Oxidation number of nitrogen in  $\text{HNO}_3$  is:  
(a) +3 (b) +5 ✓  
(c) -3 (d) +6
- 11- In which cell spontaneous reaction takes place:  
(a) Galvanic cell ✓ (b) Electrolytic cell  
(c) Nelson cell (d) Downs cell
- 12- Which one of the following will not react with dilute HCl:  
(a) Sodium (b) Potassium  
(c) Calcium (d) Carbon ✓

Babulilm